

3.2 Medical Requirements Overview

TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW

MRID# and Title:	MR025L Postflight Medical Status Checks
Sponsor:	Medical Operations
IPT:	N/A
Category:	Medical Requirements (MR)
References:	AMERD, Appendix B, Section V: Pre- and Postflight Medical Evaluation Requirements For Long Duration (30 days or more) Section 5.4: Operational Monitoring Requirements Outside of Regular Postflight Schedule ISS MORD, Section 3.7.2: Daily Exams
Purpose/Objectives:	Periodic, 15-minute health status checks will be conducted by the Crew Surgeon postflight. The Crew surgeon will query each crewmember concerning the status of their health at the beginning of the crew duty day. Additional exams will be at the discretion of the Crew Surgeon and the host country's medical support personnel.
Measurement Parameters:	N/A
Deliverables:	N/A
Flight Duration:	> 30 days
Number of Flights:	Each long duration expedition
Number and Type of Crew Members Required:	All ISS crewmembers
Other Flight Characteristics:	N/A
Notes:	N/A

MR025L Postflight Medical Status Checks

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MSD-MO-046

3.3 Preflight Training – No Preflight Training

3.4 Preflight Activities – No Preflight Activities

3.5 In-flight Activities – No In-flight Activities

3.5.2 In-flight Hardware – No In-flight Hardware

3.5 Postflight Activities

TABLE 3.6: POSTFLIGHT ACTIVITIES

Postflight Activity	Description:	Daily, 15-minute health status checks will be scheduled into the post-landing activities timeline. These exams will be conducted daily for the first week (except for R+2) by the designated Crew Surgeon at the beginning of the crew duty day. Additional exams will be at the discretion of the Crew Surgeon and the host country's medical support personnel.			
	Schedule:	Duration:	Schedule:	Personnel Required:	
		Evaluation of crewmember medical status 15 min. Evaluation of crewmember medical status 15 min. Evaluation of crewmember medical status 15 min. Evaluation of crewmember medical status 15 min.	R+1 days R+3 - R+8 days R+12 days R+15 days	Crew and Crew Surgeon Crew and Crew Surgeon Crew and Crew Surgeon Crew and Crew Surgeon	
Ground Support Requirements Hardware/Software	Postflight Hardware:	Postflight Software:		Test Location:	
	N/A	N/A		U.S. or host country	
Testing Facilities	Minimum Room Dimensions:	Number of Electrical Outlets:	Temperature Requirements:	Special Lighting:	
	See note	N/A	Ambient	N/A	
	Hot or Cold Running Water:	Privacy Requirements:	Vibration/Acoustic Isolation:	Other:	
	N/A	Yes	N/A	N/A	
Constraints/Special Requirements:	On days when medical status checks are not part of a scheduled physical exam, they should be a stand-alone activity and not part of the rehabilitation time.				
Early Destow / Early Return:	N/A				
Notes:	Medical Status Checks can be conducted by phone from a remote location at the discretion of the Crew Surgeon.				
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):		Mission Summary Report:	Data Archives:	
	Data will be handled as confidential medical data.		N/A	N/A	

3.6 Summary Schedule**TABLE 3.7: SUMMARY SCHEDULE**

ACTIVITY	DURATION	SCHEDULE	PERSONNEL REQUIRED	CONSTRAINTS
Preflight Training				
N/A	N/A	N/A	N/A	N/A
Preflight				
N/A	N/A	N/A	N/A	N/A
Postflight				
Evaluation of crewmember medical status	15 min.	R+1 days	Crew and Crew Surgeon	Additional exams will be at the discretion of the Crew Surgeon and the host country's medical support personnel.
Evaluation of crewmember medical status	15 min.	R+3 - R+8 days	Crew and Crew Surgeon	
Evaluation of crewmember medical status	15 min.	R+12 days	Crew and Crew Surgeon	
Evaluation of crewmember medical status	15 min.	R+15 days	Crew and Crew Surgeon	
Postflight Debrief				
N/A				